Claims

1. A keyboard arrangement including several keys for inputting characters by pressing the keys, and wherein at least one key is used for entering at least two different characters, **characterised** in that it comprises means for detecting alternative sectional distributions of pressure on the at least one key, and means for deducing the input character based on said distribution of pressure on the key.

2. A keyboard arrangement in accordance with claim 1, **characterised** in that it comprises means for deducing the input character also based on linguistic disambiguation.

3. A keyboard arrangement in accordance with claim 1, **characterised** in that it is substantially a QWERTY-keyboard.

4. A keyboard arrangement in accordance with claim 1, **characterised** in that said means for detecting alternative sectional distributions of pressure comprise at least two pressure sensitive and/or touch sensitive detectors attached to different locations of the key.

5. A keyboard arrangement in accordance with claim 1, **characterised** in that said means for detecting alternative sectional distributions of pressure comprise a movement sensitive detector attached to the key.

6. A keyboard arrangement in accordance with claim 1, **characterised** in that the key is triangular in shape or has three arms.

7. A keyboard arrangement in accordance with claim 6, **characterised** in that said means for detecting alternative sectional distributions of pressure comprise means for detecting the pressure of the alternative corners/arms of the key.

8. A keyboard arrangement in accordance with claim 1, **characterised** in that the keys form two rows of keys and the keys of the two rows are interlaced.

9. A keyboard arrangement in accordance with claim 8, **characterised** in that the keys form a first row of keys and a second row of keys, the two rows of keys comprising three rows of characters marked on the keys, wherein the upmost row of characters is marked to the first row of keys, the middle row of characters is marked alternately to the first and the second row of keys and the lowest row of characters is marked to the second row of keys.

10. A keyboard in accordance with claim 1, **characterised** in that it is a keyboard of a mobile station.

11. A keyboard in accordance with claim 1, **characterised** in that it is a keyboard of a computer.

5 12. A method for inputting characters with a keyboard, **characterised** in that,
- at least one key is pressed in one of at least two alternative ways,
- the way the key is pressed is detected, and
- the input character is determined of at least two alternative input characters based on the detected way the key is pressed.

10 13. A method according to claim 10, **characterised** in that thee at least two alternative ways of pressing a key comprises pressing alternative corners and/or arms of a key.

14. A method in accordance with claim 10, **characterised** in that the input character is determined also based on linguistic disambiguation.

15 15. A method in accordance with claim 12, **characterised** in that the said linguistic disambiguation comprises a step of applying an algorithm based on comparison with known vocabulary, probability of successive characters, frequency of words in language, sentence structure, topic and/or paragraph context.

16. A method in accordance with claim 10, **characterised** in that it is applied
20 with a QWERTY-keyboard.

17. **Use of the** method in accordance with claim 10 in a mobile station.

18. **Use of the** method in accordance with claim 10 in a computer.